Project Design Phase-I
Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID30216
Project Name	Plasma Donor Application
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To help the plasma donor and seeker by developing a cloud-based application.
2.	Idea / Solution description	In day-to-day life requirement for plasma became high, especially during the COVID-19 crisis. But the donor count was low. Saving the donor information and helping the needy by notifying the current donors would be a helping hand. It is very difficult to find the respective blood group donors when anyone is in need. Regarding the problem faced, an application is to be built which would take the donor details store them and inform them upon request. And also for plasma donation centre, it is easy to find donors.
3.	Novelty / Uniqueness	We help the donor to access the location of a blood centre which is nearby him/her. We Notify them by sending a confirmation emails after they get registered for the plasma donation and also we notify them once the appointment is fixed in the centre. Furthermore, the GPS map option is available to direct the donor to the centre.

4.	Social Impact / Customer Satisfaction	By using this application, the user will experience a user-friendly and responsive interface and they get satisfaction by saving thousands of people's life.
5.	Business Model (Revenue Model)	Donating Plasma with the help of an application makes our idea realistic. The user's information is encrypted. We maintain this app by automation for saving admin and user time. Users get profited as we take care of them even after the plasma donation by giving them hospitality details. Also, we use the Chabot to answer FAQs, as it helps the user to get immediate answers to their doubts.
6.	Scalability of the Solution	Whatever the requirements, the application provides a clear solution for the requirements. It can handle more users who use the application at the same time.